RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/445,174B

DATE: 06/25/2001
TIME: 11:45:50

Input Set : A:\121344_1.txt
Output Set: N:\CRF3\06252001\I445174B.raw

<110> APPLICANT: van Ommen, Garrit J.B.
Petrij-Bosch, Anne
Bakker, Egbert
Devilee, Peter
<120> TITLE OF INVENTION: A diagnostic test kit for determining a predisposition for breast and ovarian cancer, materials and methods for such determination
<130> FILE REFERENCE: 294-78
<140> CURRENT APPLICATION NUMBER: US 09/445,174B
C--> **<141> CURRENT FILING DATE: 2001-06-11**
<150> PRIOR APPLICATION NUMBER: PCT/NL98/00325
<151> PRIOR FILING DATE: 1998-06-03
<150> PRIOR APPLICATION NUMBER: EP 97201700.8
<151> PRIOR FILING DATE: 1997-06-04
<160> NUMBER OF SEQ ID NOS: 23
<170> SOFTWARE: PatentIn Ver. 2.1
<210> SEQ ID NO: 1
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer forward for D17S1322
<400> SEQUENCE: 1
ctagcctggg caacaaacga 20
<210> SEQ ID NO: 2
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse for D17S1322
<400> SEQUENCE: 2
gcaggaagca ggaatggaac 20
<210> SEQ ID NO: 3
<211> LENGTH: 21
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer forward for D17S855
<400> SEQUENCE: 3
ggatggcctt ttagaaagtg g 21
<210> SEQ ID NO: 4
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 06/25/2001
PATENT APPLICATION: US/09/445,174B TIME: 11:45:50

Input Set : A:\121344_1.txt
Output Set: N:\CRF3\06252001\I445174B.raw

72 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
74 for D17S855
76 <400> SEQUENCE: 4
77 acacagactt gtcctactgc 20
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 20
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
87 for D17S1323
89 <400> SEQUENCE: 5
90 taggagatgg attattggtg 20
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 20
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
100 for D17S1323
102 <400> SEQUENCE: 6
103 aagcaacttt gcaatgagtg 20
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 22
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
113 for first PCR
115 <400> SEQUENCE: 7
116 tcacagtgca gtgaattgga ag 22
119 <210> SEQ ID NO: 8
120 <211> LENGTH: 24
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
126 for first PCR
128 <400> SEQUENCE: 8
129 gtagccagga cagtagaagg actg 24
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 22
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
139 for second PCR
141 <400> SEQUENCE: 9

RAW SEQUENCE LISTING DATE: 06/25/2001
PATENT APPLICATION: US/09/445,174B TIME: 11:45:50

Input Set : A:\121344_1.txt
Output Set: N:\CRF3\06252001\I445174B.raw

gaagaaagag gaacgggctt gg 22

<210> SEQ ID NO: 10
<211> LENGTH: 21
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse for second PCR
<400> SEQUENCE: 10
ggccactttg taagctcatt c 21

<210> SEQ ID NO: 11
<211> LENGTH: 19
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
<400> SEQUENCE: 11
aaccaccaag gtccaaagc 19

<210> SEQ ID NO: 12
<211> LENGTH: 24
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
<400> SEQUENCE: 12
gtagccagga cagtagaagg actg 24

<210> SEQ ID NO: 13
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
<400> SEQUENCE: 13
tacgtgggtt caactgaagc 20

<210> SEQ ID NO: 14
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
<400> SEQUENCE: 14
tcccattgag aggtcttgct 20

<210> SEQ ID NO: 15
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
<400> SEQUENCE: 15

RAW SEQUENCE LISTING DATE: 06/25/2001
PATENT APPLICATION: US/09/445,174B TIME: 11:45:50

Input Set : A:\121344_1.txt
Output Set: N:\CRF3\06252001\I445174B.raw

215 actgtgctac tcaagcacca 20
218 <210> SEQ ID NO: 16
219 <211> LENGTH: 24
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
226 <400> SEQUENCE: 16
227 gaaaaaaaag tacaaccaaa tgcc 24
230 <210> SEQ ID NO: 17
231 <211> LENGTH: 24
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
238 <400> SEQUENCE: 17
239 agcccacttc attagtactg gaac 24
242 <210> SEQ ID NO: 18
243 <211> LENGTH: 24
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
250 <400> SEQUENCE: 18
251 taccctataa gccagaatcc agaa 24
254 <210> SEQ ID NO: 19
255 <211> LENGTH: 21
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
262 <400> SEQUENCE: 19
263 ggccactttg taagctcatt c 21
266 <210> SEQ ID NO: 20
267 <211> LENGTH: 720
268 <212> TYPE: DNA
269 <213> ORGANISM: Homo sapiens
271 <220> FEATURE:
272 <223> OTHER INFORMATION: /note="Exon 22 of BRCA1 and its flanking intron
273 sequences, pos. 79441-80160"
275 <400> SEQUENCE: 20
276 agaggtcttg ctataagcct tcatccggag agtgtagggt agagggcctg ggttaagtat 60
277 gcagattact gcagtgattt tacatctaaa tgtccatttt agatcaactg gaatggatgg 120
278 tacagctgtg tggtgcttct gtggtgaagg agctttcatc attcaccctt ggcacagtaa 180
279 gtattgggtg ccctgtcaga gagggaggac acaatattct ctcctgtgag caagactggc 240
280 acctgtcagt ccctatggat gcccctactg tagcctcaga agtcttctct gcccacatac 300
281 ctgtgccaaa agactccatc tgtaagggat gggtaaggat ttgagaactg cacatattaa 360
282 atatactgag ggaagacttt ttcccctctaa ctctttttcc catatgtccc tccccctcct 420
283 ctctgtgact gccccagcat actgtgtttc aacaaatcat caagaaatga tgggctggag 480

RAW SEQUENCE LISTING DATE: 06/25/2001
PATENT APPLICATION: US/09/445,174B TIME: 11:45:50

Input Set : A:\121344_1.txt
Output Set: N:\CRF3\06252001\I445174B.raw

284 gctgggcatg gtggctcatg tctgtaatcc cagcactttg ggaggccgag gcaggtggat 540
285 cacttgtcag gagtttgaga ccagcctggc caacatggtg aaaccccatc tgtactaaaa 600
286 aaaaaaaaac aaaaagtagc caggcctggt ggagcatgcc tgtaatgcca gctatttggg 660
287 aagttgaggt gtgagcatcg cttgaacgtg ggaggcagag gttgcagtga gccaagattg 720
290 <210> SEQ ID NO: 21
291 <211> LENGTH: 178
292 <212> TYPE: DNA
293 <213> ORGANISM: Homo sapiens
295 <220> FEATURE:
296 <223> OTHER INFORMATION: /note="Intronic region flanking exon 12, pos.
297 44423 - 44600"
299 <400> SEQUENCE: 21
300 cctgtaatcc cagcactttg ggaggccgag gcgggaggat catgtggtca ggagatccag 60
301 accatcctgg ctaacacggt gaaacaccat ttctactaaa actacaaaaa attagctggg 120
302 catggtggcg ggcgcctgta atcccagcta ctcaggaggc tgaagcagaa gaatggct 178
305 <210> SEQ ID NO: 22
306 <211> LENGTH: 180
307 <212> TYPE: DNA
308 <213> ORGANISM: Homo sapiens
310 <220> FEATURE:
311 <223> OTHER INFORMATION: /note="Intronic region flanking exon 13, pos.
312 48256 - 48436"
314 <400> SEQUENCE: 22
315 cctgtaaccc cagcactttg ggaggccaag gcaggcgaat cacctgaggt cgggagctcg 60
316 agaccagcct gaccaacatg gagaaaccac atctctacta aaactacaaa aaattagccg 120
317 ggcgtggtgg cacatgcctg taatcccagc tacttgggag ctacggtgcc tggcctagtt 180
320 <210> SEQ ID NO: 23
321 <211> LENGTH: 60
322 <212> TYPE: DNA
323 <213> ORGANISM: Homo sapiens
325 <220> FEATURE:
326 <223> OTHER INFORMATION: /note="Deletion-function fragment"
328 <400> SEQUENCE: 23
329 agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagccg 60

VERIFICATION SUMMARY DATE: 06/25/2001
PATENT APPLICATION: US/09/445,174B TIME: 11:45:51

Input Set : A:\121344_1.txt
Output Set: N:\CRF3\06252001\I445174B.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date